

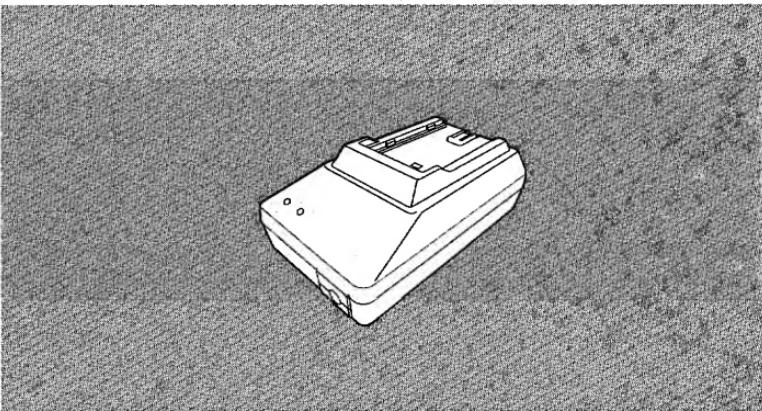
# Operating Instructions

Mini DV

AC Adapter

Model: DE-852D

Model: AG-B15



## Panasonic®

Before attempting to connect, operate or adjust this product, please read these instructions completely.

- The DE-852D AC Adapter is an accessory for the AG-DVC10/15 <sup>Mini DV</sup> Camera Recorder.
- The AC Adapter provides power to the Camera Recorder unit in place of battery power, and also provides charging of Camera Recorder unit battery packs.

# For your safety

**CAUTION**

RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK).  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



This symbol warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.



This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

**WARNING:  
TO PREVENT FIRE OR  
SHOCK HAZARD, DO NOT  
EXPOSE THIS EQUIPMENT  
TO RAIN OR MOISTURE.**

**The left side markings are located on the appliance bottom cover.**

indicates safety information.

This unit is exclusively for use with the Panasonic AG-DVC10/15 currently produced. It cannot be used with other types of portable recorders.

These accessories are provided in order to set up or use your AC Adapter.

**Model: DE-852D**



1 pc. AC Power Cable  
(K2CB2DB00001)

**Model: AG-B15**

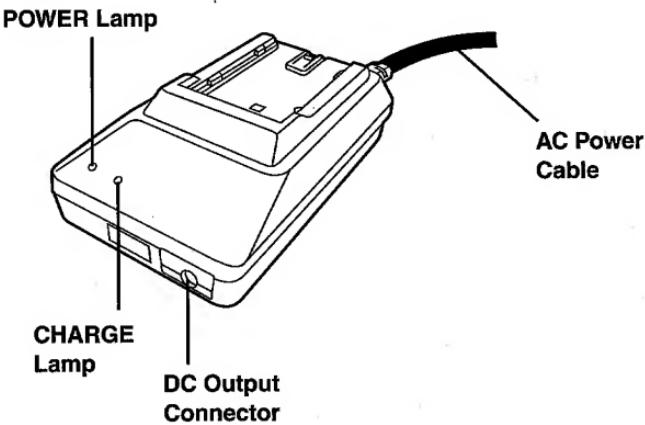


1 pc. AC Power Cable  
(K2CB2DB00001)

1 pc. DC In Cable  
(VEK8722)

# Index of Controls

## AC Adapter



### CAUTION:

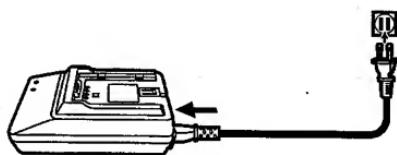
This unit will operate on 110/120/220/240V AC. An AC plug adapter may be required for voltages other than 120V AC.

Please contact either a local or foreign electrical parts distributor for assistance in selecting an alternate AC plug.

We recommend using the accessory power plug adapter (VJSS0070) in an area which has special AC outlets.

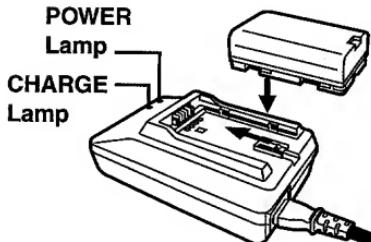
# Supplying Power

## Charge the Battery Pack



**1** Connect and plug in the cables as shown.

- POWER Lamp will light.
- Remove the DC Cable, if attached, from the adapter.



**2** Attach the Battery as shown to charge.

- CHARGE Lamp lights up. It goes out when charging is complete.  
**APPROXIMATE CHARGE TIME:**  
CGR-D16; 2 hours  
CGP-D28; 3 hours and 15 min.

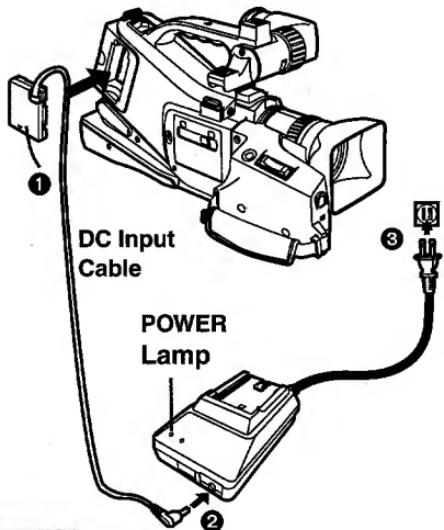
**3** Remove the Battery.  
Slide the Battery out and then lift up.

### About the Flashing of the CHARGE Lamp:

- Charge the Battery within an ambient temperature range of 40°F and 86°F (10°C and 30°C).
- If charging is done in extreme low or high temperatures, Battery charge time increases.  
**CHARGE Lamp flashes when...**
  - The Battery is being charged, but charging is taking longer than normal.
  - Charging is not possible. Remove the Battery once, wait a short time, then reattach it for charging.

# Supplying Power

## AC Adapter



**1** Insert the battery-shaped connector of the DC Input Cable into the Camera Recorder.

**2** Connect the other end of the DC Input Cable to the AC Adapter as shown.

**3** Plug in the AC Adapter.

- The POWER Lamp of the AC Adapter lights up.

### Note

- When the DC Input Cable is connected into the AC Adapter, the AC Adapter cannot charge the Battery.

### About the AC Adapter:

- When the Charge Lamp does not light, remove and then reattach the Battery. Or, attach the Battery to the Camea recorder, use it for 10-20 minutes, and then reattach the Battery to the AC Adapter.
- If it still cannot be charged, consult with your dealer.
- When the Battery is hot, charging takes longer than normally.
- If you remove and reattach the Battery during charging, the Charge Lamp may go off momentarily while the AC Adapter is checking the change remaining in the Battery, but this is normal.
- If you use the AC Adapter very close to a radio while listening to a broadcast (especially in the AM range), the reception may be distorted by interference. Use the AC Adapter more than 1 meter away from a radio.
- During use, the AC Adapter may emit some sound, but this is normal.
- After use, be sure to disconnect the AC Cable from the AC outlet. (If it is left connected, approximately 1 W of power will be consumed.)
- It may take a short time before the AC adapter's POWER Lamp lights, but this is normal.

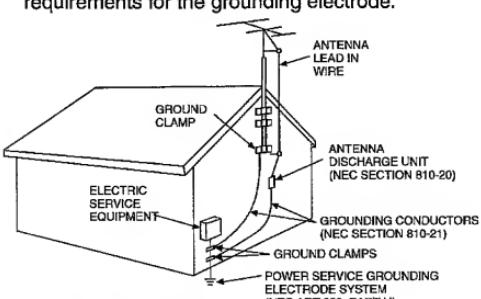
# Important Safeguards

1. Read Instructions — All the safety and operating instructions should be read before the unit is operated.
2. Retain Instructions — The safety and operating instructions should be retained for future reference.
3. Heed Warnings — All warnings on the unit and in the operating instructions should be adhered to.
4. Follow Instructions — All operating and maintenance instructions should be followed.
5. Cleaning — Unplug this video unit from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a dry cloth for cleaning.
6. Attachments — Do not use attachments not recommended by the video product manufacturer as they may be hazardous.
7. Water and Moisture — Do not use this video unit near water — for example near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. Accessories — Do not place this video unit on an unstable cart, stand, tripod, bracket, or table. The video unit may fall, causing serious injury to a child or adult, and serious damage to the unit. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video unit. Any mounting of the unit should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.  
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
9. Ventilation — Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video unit and to protect it from overheating. These openings must not be blocked or covered. Never place the video unit on a bed, sofa, rug, or other similar surface, or near or over a radiator or heat register. This video unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
10. Power Sources — This video unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video units intended to be operated from battery power, or other sources, refer to the operating instructions.
11. Grounding or Polarization — This video unit may be equipped with either a polarized 2-wire AC (Alternating Current) line plug (a plug having one blade wider than the other) or 3-wire grounding type plug, a plug having a third (grounding) pin. The 2-wire polarized plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. The 3-wire grounding type plug will fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.
12. Power-Cord Protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords of plugs, convenience receptacles, and the point where they exit from the unit.



# Important Safeguards

13. Outdoor Antenna Grounding — If an outside antenna or cable system is connected to the video unit, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Part 1 of the Canadian Electrical Code, in USA Section 810 of the National Electrical Code, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



NEC - NATIONAL ELECTRICAL CODE

14. Lightning — For added protection of this video unit receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video unit due to lightning and power-line surges.

15. Power Lines — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

16. Overloading — Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

17. Objects and Liquids — Never push objects of any kind into this video unit through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind onto the video unit.

18. Servicing — Do not attempt to service this video unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

19. Damage Requiring Service — Unplug this video unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If any liquid has been spilled onto, or objects have fallen into the video unit.
- If the video unit has been exposed to rain or water.
- If the video unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video unit to its normal operation.
- If the video unit has been dropped or the cabinet has been damaged.
- When the video unit exhibits a distinct change in performance — this indicates a need for service.

20. Replacement Parts — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

21. Safety Check — Upon completion of any service or repairs to this video unit, ask the service technician to perform safety checks to determine that the video unit is in safe operating order.

**FCC Warning:** Any unauthorized changes or modifications to this equipment would void the user's authority to operate.

# Specifications

Power Source: 110/120/220/240 V AC, 50/60 Hz  
Power Consumption: 18 W

Weight: 0.35 lbs. (0.16 kg)  
Dimensions: 2-13/16 (W)×1-13/16 (H)×4-5/8 (D) inch  
70 (W)×44.5 (H)×116 (D) mm

Weight and dimensions shown are approximate.  
Specifications are subject to change without notice.

## Panasonic

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**Government Marketing Department:**

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Emergency after hour parts orders (800) 334-4881

**TECHNICAL SUPPORT:**

Emergency 24 Hour Service (800) 222-0741

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